

**STRUCTURE FOR PROMOTING STABLE SYNTHESIS OF CARBON
NANOTUBES**

Abstract of the Disclosure

A method for synthesizing carbon nanotubes and structure formed thereby. The method includes forming carbon nanotubes on a plurality of synthesis sites supported by a first substrate, interrupting nanotube synthesis, mounting a free end of each carbon nanotube to a second substrate, and removing the first substrate. Each
5 carbon nanotube is capped by one of the synthesis sites, to which growth reactants have ready access. As the carbon nanotubes lengthen during resumed nanotube synthesis, access to the synthesis sites remains unoccluded.